BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, PROJECT DIVISION

Comparitive Statement

Name of Work: Improvements to Roads and Drains at Nanjappa Layout Main Road, Cross Roads, Rammanna Garden and Surrounduing araes in Ward No.14 (Vidyaranyapura)

Estimate Amount:- Rs. 5500000/-

Name of Contractor:- K.Gopi Reddy

Approved amount:- 4,891,511.31

Tender premium:- 4.94% above

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
1	Removing and resetting of footpath slab	Sqm	682.50	246.63	168324.98	952.83	853.13	246.63	210406.22	99.71	246.63	24591.86	952.83	234998.08	66671.49	0.00	
2	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work	Cum	397.35	214.73	85322.97	568.28	496.69	214.73	106653.71	71.60	214.73	15373.81	568.28	122027.52	36704.55	0.00	
3	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications	Cum	3.24	6411.82	20774.30	0.00	0.00	6411.82	0.00	0.00	6411.82	0.00	0.00	0.00	0.00	20774.30	
4	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	11.34	6259.43	70981.94	0.00	0.00	6259.43	0.00	0.00	6259.43	0.00	0.00	0.00	0.00	70981.94	
5	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification	Sqm	21.60	274.76	5934.82	0.00	0.00	274.76	0.00	0.00	274.76	0.00	0.00	0.00	0.00	5934.82	
6	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately Mix 1:3:6	Cum	5.40	6612.69	35708.53	0.00	0.00	6612.69	0.00	0.00	6612.69	0.00	0.00	0.00	0.00	35708.53	
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work	Cum	19.80	7234.25	143238.15	21.34	21.34	7234.25	154393.36	0.00	7234.25	0.00	21.34	154393.36	11155.21	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tn	1.19	106405.33	126622.34	0.00	0.00	106405.33	0.00	0.00	106405.33	0.00	0.00	0.00	0.00	126622.34	
9	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete	Sqm	64.80	2174.56	140911.49	64.62	64.62	2174.56	140520.07	0.00	2174.56	0.00	64.62	140520.07	0.00	391.42	
10	Providing and Fixing pre cast Covering Slab 230mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete. As per Engineer incharge	Sqm	18.00	5286.33	95153.94	18.00	18.00	5286.33	95153.94	0.00	5286.33	0.00	18.00	95153.94	0.00	0.00	
11	Earth work in surface Excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth	Cum	227.50	75.04	17071.60	296.09	284.38	75.04	21339.50	11.72	75.04	879.09	296.09	22218.59	5146.99	0.00	
12	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	284.38	2763.75	785955.23	296.09	296.09	2763.75	818318.74	0.00	2763.75	0.00	296.09	818318.74	32363.51	0.00	
13	Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical	Sqm	1137.50	48.49	55157.38	1184.36	1184.36	48.49	57429.62	0.00	48.49	0.00	1184.36	57429.62	2272.24	0.00	
14	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification	Cum	56.88	10550.52	600113.58	105.16	71.10	10550.52	750141.97	34.06	10550.52	359303.23	105.16	1109445.21	509331.63	0.00	
15	Providing and applying Tack Coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	4550.00	16.16	73528.00	3735.93	3735.93	16.16	60372.63	0.00	16.16	0.00	3735.93	60372.63	-13155.37	0.00	
16	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification	Cum	182.00	12249.87	2229476.34	146.02	146.02	12249.87	1788721.12	0.00	12249.87	0.00	146.02	1788721.12	0.00	440771.25	
17	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes	Sqm	182.00	551.83	100433.06	144.88	144.88	551.83	79949.13	0.00	551.83	0.00	144.88	79949.13	0.00	20483.93	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
18	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)	Cum	568.61	85.43	48576.35	864.37	710.76	85.43	60720.44	153.61	85.43	13122.99	864.37	73843.43	25267.08	0.00	
19	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km	T.Km	727.82	121.22	88226.34	1106.40	909.78	121.22	110282.93	196.62	121.22	23834.65	1106.40	134117.58	45891.23	0.00	
	Sub Total				**4891511.31**				**4454403.36**			**437105.64**		**4891509.00**	**721648.57**	**721668.52**	
	Miscellaneous & Rounding off													**19.96**	**19.96**		
	Total				**4891511.31**									**4891528.96**	**721668.52**	**721668.52**	

Contractor

Assistant Engineer

Asst. Executive Engineer

Executive Engineer

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ